

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-12 (canceled)

13. (currently amended) An InterProcessor communications (IPC) network, comprising:

an IPC stack having a presentation manager, a IPC session manager and a device interface layer;

a component coupled to the IPC stack, the component being assigned a channel based on a Quality of Service (QoS);

an IPC scheduler coupled to the device interface layer; wherein

the IPC scheduler is responsible for providing the QoS assigned to the channel; and

a channel buffer coupled to the channel, the channel buffer storing data that is to be sent via the channel, wherein the IPC scheduler chooses enough data from the channel buffer to support a data rate required by the channel and scales the data that the IPC scheduler picks from the channel buffer depending on a size of an IPC frame that is used by the IPC scheduler.

14. (original) An IPC network as defined in claim 13, wherein the IPC scheduler secures a data rate required by the channel.

15. (canceled)

16. (canceled)

17. (canceled)

18. (currently amended) An IPC network as defined in claim ~~46~~ 13, wherein the IPC scheduler chooses the data from the channel buffer depending on a priority level of the channel.

19. (original) An IPC network as defined in claim 13, wherein the channel assigned to the component is based on a QoS level required by the component.

20. (original) An IPC network as defined in claim 13, further comprising a port coupled to the component wherein the QoS is valid only when the component is using the port.